iCompute
www.icompute-uk.com

Ideas

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logical thinking

algorithms

decomposition

evaluation

finding pattern

programming

abstraction

generalising

variables

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Computing

BE CREATIVE

logical thinking
using rules to solve problems

variables
naming objects

algorithms
steps to follow to achieve a task

programming
writing instructions a computer can understand

decomposition
splitting things into smaller parts

abstraction
taking the detail out of a problem

generalisation
adapting solutions we've already found

evaluation
Is it good? Can it be improved?

pattern
finding & using repetition

""A high quality computing education equips pupils to use computational thinking and creativity to understand and change the world" (DfE).

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Approaches

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creating

problem solving

debugging

collaborating

sharing

exploring

using

persisting

practising

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